

Use Attainability Analysis

for

WBID 3611 Mayhen Branch

Submitted by

Missouri Department of Natural Resources Staff

To

Missouri Department of Natural Resources  
Water Protection Program

RECEIVED

## Field Data Sheets for Recreational Use Stream Surveys

JUL 12 2005

## Data Sheet A - Water Body Identification

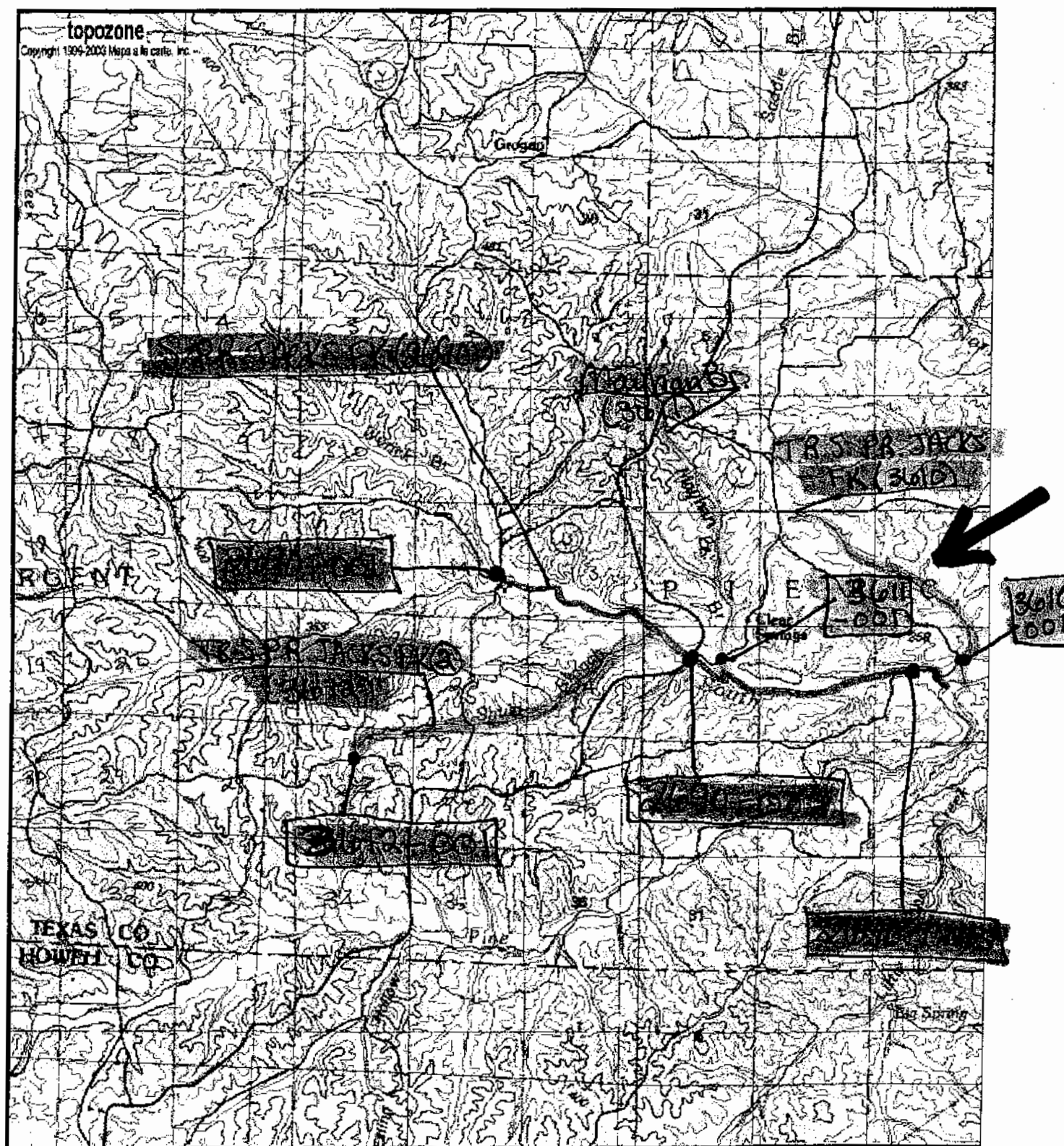
WATER PROTECTION

Sm Mayhen Branch, A.K.A.

Water Body Name (from USGS 7.5' quad):	Albino Creek 8. PR. JACKS FK
8-digit HUC:	1101008
Missouri WBID #:	3611
County:	TEXAS
Upstream Legal Description:	NW 1/4, NE 1/4, Sec. 18, R 8 W, T 28 N
Downstream Legal Description:	SW 1/4, NE 1/4, Sec. 19, R 8 W, T 28 N
Upstream Coordinates:	37.08973N 91.85943W 13.8ft. (FOM)
Downstream Coordinates:	N/A
Discharger Facility Name(s):	
Discharger Permit Number(s):	
Number of Sites Evaluated:	1
Name of Surveyor and Telephone Number:	AMÉDD Dave Dowdy 660-385-7996
Organization:	SWCP
Position:	Soil Scientist III

I, the undersigned, hereby affirm to the best of my knowledge, that all information reported on this UAA datasheet is true and accurate.

Signed: A. MarshawDate: 7-7-05



Map center is UTM 15 598313E 4106586N (WGS84/NAD83)  
Willow Springs North quadrangle  
Projection is UTM Zone 15 NAD83 Datum

M=1.202  
G=0.667

# Field Data Sheets for Recreational Use Stream Surveys

## Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

gm  
Mayhen Branch

Missouri WBID #: 3611	Site Location Description:	
Site GPS Coordinates: 37.08973N/91.9593W	TR. S. PR. JACKS FK	
Date & Time: 1430 22 June 2005	Facility Name:	
Personnel: AM & DD	Permit Number:	
Current Weather Conditions: SUNNY/HOT/DRY	Weather Conditions for Past 7 days: SUNNY HOT/DRY	
Photo Ids: Upstream: 3611U1	Downstream: 3611D	Other:

### Uses Observed\*:

<input type="checkbox"/> Swimming	<input type="checkbox"/> Skin diving	<input type="checkbox"/> SCUBA diving	<input type="checkbox"/> Tubing	<input type="checkbox"/> Water skiing
<input type="checkbox"/> Wind surfing	<input type="checkbox"/> Kayaking	<input type="checkbox"/> Boating	<input type="checkbox"/> Wading	<input type="checkbox"/> Rafting
<input type="checkbox"/> Hunting	<input type="checkbox"/> Trapping	<input type="checkbox"/> Fishing	<input checked="" type="checkbox"/> None of the above	<input type="checkbox"/> Other:

Describe: (include number of individuals recreating, frequency of use, photo-documentation of evidence of recreational uses, etc.)

### Surrounding Conditions\*: (Mark all that promote or impede recreational uses. Attach photos of evidence or unusual items of interest.)

<input type="checkbox"/> City/county parks	<input type="checkbox"/> Playgrounds	<input type="checkbox"/> MDC conservation lands	<input type="checkbox"/> Urban areas	<input type="checkbox"/> Campgrounds
<input type="checkbox"/> Boating accesses	<input type="checkbox"/> State parks	<input type="checkbox"/> National forests	<input type="checkbox"/> Nature trails	<input type="checkbox"/> Stairs/walkway
<input type="checkbox"/> No trespass sign	<input checked="" type="checkbox"/> Fence cattle	<input type="checkbox"/> Steep slopes	<input type="checkbox"/> Other:	

### Evidence of Human Use\*:

<input checked="" type="checkbox"/> Roads City Grave	<input type="checkbox"/> Foot paths/prints	<input type="checkbox"/> Dock/platform	<input checked="" type="checkbox"/> Livestock Watering	<input type="checkbox"/> RV / ATV Tracks
<input type="checkbox"/> Rope swings	<input type="checkbox"/> Camping Sites	<input type="checkbox"/> Fire pit/ring	<input type="checkbox"/> NPDES Discharge	<input type="checkbox"/> Fishing Tackle
<input checked="" type="checkbox"/> Other: low H2O X-ING				

**Site Locations Map(s):** Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

\*Some of this information is not intended to directly influence a decision on any one particular recreational use analysis but may point to conditions that need further analysis or that effect another use.

# Field Data Sheets for Recreational Use Stream Surveys

## Data Sheet B - Site Characterization

Page Two - WBID #3611-6

### Stream Morphology:

#### Upstream View Physical Dimensions: DRY

<input type="checkbox"/> Riffle	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
<input type="checkbox"/> Run	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
<input type="checkbox"/> Pool	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
<input type="checkbox"/> Flow	Present? <input type="checkbox"/> Yes <input type="checkbox"/> No	Estimated (ft <sup>3</sup> /sec):		

#### Downstream View Physical Dimensions:

<input type="checkbox"/> Riffle	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
<input checked="" type="checkbox"/> Run	Width (ft): 2	Length (ft): 20	Avg. Depth (ft): < 0.1	Max. Depth (ft): 0.1
<input type="checkbox"/> Pool	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
<input checked="" type="checkbox"/> Flow	Present? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (slight)	Estimated (ft <sup>3</sup> /sec):		

#### Substrate\*: (These values should add up to 100%.)

20% Cobble	80% Gravel	% Sand	% Silt	% Mud/Clay	% Bedrock
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#### Aquatic Vegetation\*: (note amount of vegetation or algal growth at the assessment site)

Hydric Veg.
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#### Water Characteristics\*: (Mark all that apply.)

Odor:	<input type="checkbox"/> Sewage	<input type="checkbox"/> Musky	<input type="checkbox"/> Chemical	<input checked="" type="checkbox"/> None	<input type="checkbox"/> Other:
Color:	<input checked="" type="checkbox"/> Clear	<input type="checkbox"/> Green	<input type="checkbox"/> Gray	<input type="checkbox"/> Milky	<input type="checkbox"/> Other:
Bottom Deposit:	<input type="checkbox"/> Sludge	<input type="checkbox"/> Solids	<input type="checkbox"/> Fine sediments	<input checked="" type="checkbox"/> None	<input type="checkbox"/> Other:
Surface Deposit:	<input type="checkbox"/> Oil	<input type="checkbox"/> Scum	<input type="checkbox"/> Foam	<input checked="" type="checkbox"/> None	<input type="checkbox"/> Other:

#### Comments: Please attach additional comments (including information from interviews) to this form.

Wild life watering

\*This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that effect another use.

I, the undersigned, hereby affirm to the best of my knowledge, that all information reported on this UAA datasheet is true and accurate.

Signed: A. Marshall Date: 7-7-05

Organization: SWCP Position: Soil Scientist I



3611\_001 DS



3611\_001 US

